Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 09 Feb 2022 until 23:59 on Thursday 10 Feb 2022

Forecast Issued on Tuesday 08 Feb 2022 at 11:07

Confidence: Some doubt over placement of frontal zone on Wednesday morning and how far north it returns into Thursday, but high confidence for a generally colder, brighter more showery regime to become established. Lower confidence over the weekend.

Headline for Wednesday 09 Feb 2022: A cloudy and wet start. Becoming drier and brighter through the morning, but colder, with risk showers.

Mountain weather hazards on Wednesday 09 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	50%	70%	10%	00%	20%	10%	<05%

Forecast for Wednesday 09 Feb 2022

Weather: Cloudy and wet overnight and at first Wednesday with rather extensive hill fog, especially onto western hills, but conditions will improve through the morning. Mainly dry by lunchtime and cloud will break up to allow for sunny spells in the afternoon, but becoming colder with a few showers, possibly wintry over higher tops. Dry with clear spells in evening, though amounts of high cloud will increase.

Chance of cloud-free hill tops above 600m: 20% at best at first, but improving 90% by the afternoon.

Low cloud and visibility: Moderate or poor in rain at first, otherwise mainly good, but very poor into the morning, in extensive cloud above 300-500m, Mainly scattered cloud above 700m by the afternoon

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Wednesday 09 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/37 SW	20/27 SW	21/29 W	23/32 W	25/35 W	23/33 W	17/24 W	17/25 SW	18/27 SW
300	21/31 SW	14/22 SW	15/22 W	16/23 W	18/28 W	18/27 W	11/19 W	11/19 SW	13/22 SW
Valley	13/29 SW	8/17 W	11/23 W	11/23 W	15/30 W	14/28 W	9/20 W	8/20 SW	9/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	5/0	4/-2	2/-4	2/-4	2/-5	1/-5	0/-6	0/-6
300	8/4	7/4	6/2	5/0	5/0	4/-0	3/-1	3/-1	3/-2
Valley	8/5	7/5	6/3	5/2	6/2	5/1	4/1	3/0	3/-1
Freezing Level*	1800m	1600m	1100m	800m	700m	600m	500m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Brisk southwest winds and rain at first will bring some chill effect and a more significant chill developing over the tops as colder conditions spread south.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 08 Feb 2022	1.6mm	3mm	33.6mm

Forecast for Thursday 10 Feb 2022

Weather: Cloud increasing overnight to perhaps bring patchy rain, but falling as snow on the higher tops. Then a mostly cloudy start, but any rain and summit snow soon clearing leaving a cold, bright day. Some sunny spells but also with a scattering of wintry showers. A cold day with a significant chill on the tops.

Maximum wind: West 15-20 mph with gusts 30mph becoming northwest 25-30 gust 40mph

Chance of cloud-free hill tops above 600m: 40% at first, then 80%, with good views likely but some lower cloud expected as showers pass.

Low cloud and visibility: Mainly good, but perhaps poor in rain at first and then in showers and very poor where in cloud. Most cloud above 600m and generally well scattered, but perhaps broken cloud down to 500m at first and at times in showers.

Temperature: **Valleys:** Plus 3 C rising to plus 6 C
At 600m: Plus 1 or 2 C at first, then Minus 2 C
Freezing level: 700m falling to 500m

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